

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/039578 A2

(51) International Patent Classification⁷: **A61K 31/445**,
A61P 3/10

(21) International Application Number:
PCT/NL2004/000760

(22) International Filing Date: 29 October 2004 (29.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03078396.3 29 October 2003 (29.10.2003) EP
04076936.6 6 July 2004 (06.07.2004) EP

(71) Applicant (for all designated States except US):
**ACADEMISCH ZIEKENHUIS BIJ DE UNIVER-
SITEIT VAN AMSTERDAM** [NL/NL]; Meibergdreef
15, NL-1105 AZ Amsterdam (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **AERTS, Johannes,
Maria, Franciscus, Gerardus** [NL/NL]; Sandbergstraat 3,
NL-1391 EJ Abcoude (NL).

(74) Agent: **VAN WESTENBRUGGE, Andries**; Nederland-
sch Octrooibureau, Scheveningsweg 82, P.O. Box 29720,
NL-2502 LS The Hague (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF A DEOXYNOJIRIMYCIN DERIVATIVE OR A PHARMACEUTICALLY SALT THEREOF

(57) Abstract: The invention relates to the use of a deoxynojirimycin derivative, or pharmaceutically acceptable salt thereof, for the preparation of a medicament for the treatment of insulin resistance, hyperpigmentation and/or inflammatory processes in the skin, a fungal disease, overweight and obesity, or a microbacterial infection.

WO 2005/039578 A2